Raspberry pi documented

PoE HAT reader: provides power and network connection through a single Ethernet cable

Gigabit Ethernet: provides a fast wired network connection for data transfer, getting speeds up to a gigabit per second

USB 3.0 and 2.0: Provide places to plug in things like mice. The 3.0 also has a faster data transfer rate than the 2.0

4-pole stereo jack: allows for stereo audio and composite video through one 3.5mm connector.

2-lane MIPI CSI camera port: A high speed, low power, and low latency port for MIPI CSI-2 cameras, allowing for transfer of images and videos from the camera to the pi

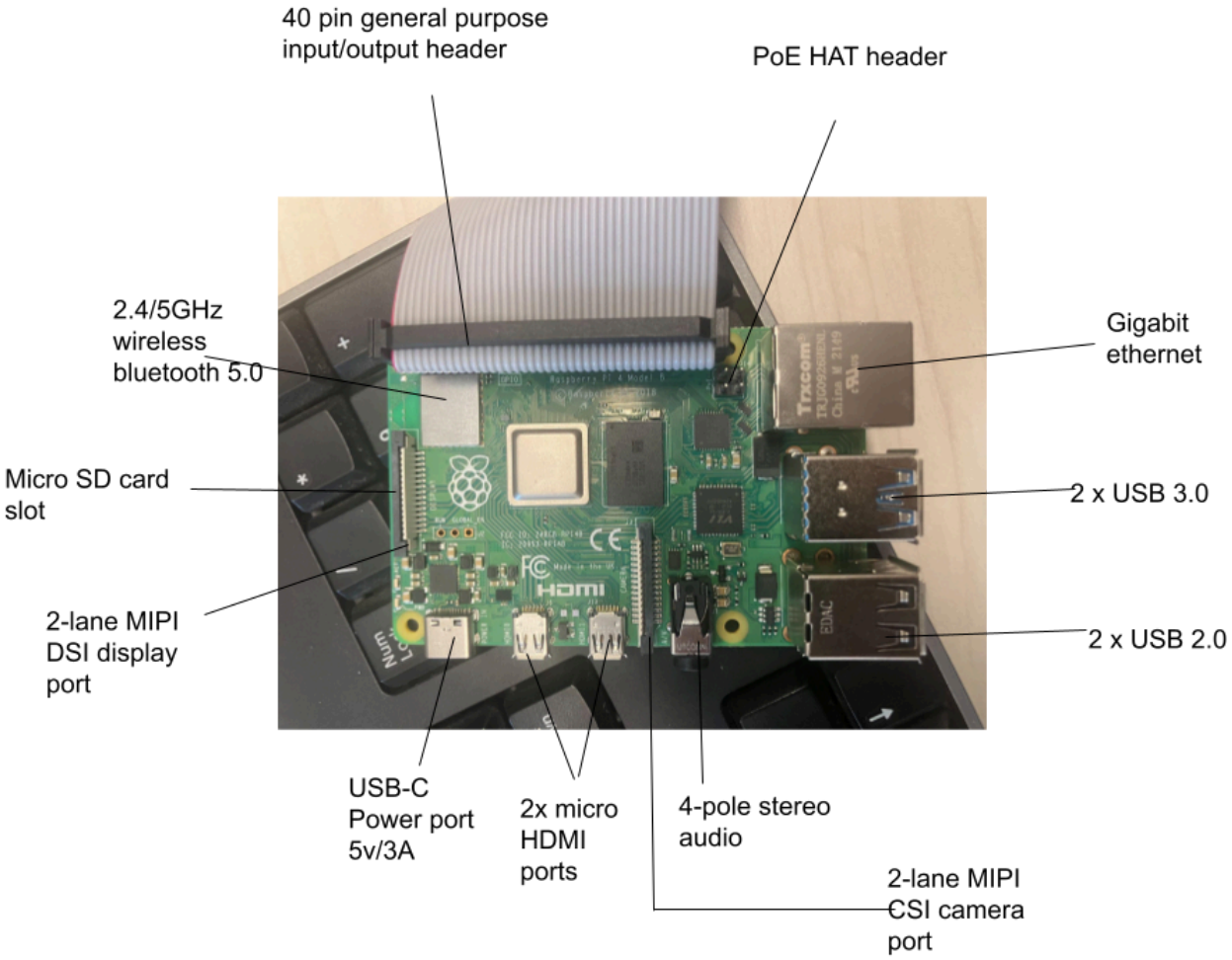
Micro HDMI ports: Ports to plug HDMI cables into allowing for connection to monitors

USB-C power port: the power delivery point on the pi. basically just where it's plugged in

2-lane MIPI DSI display port: transmits display data from the GPU to a plugged in LCD screen

Micro SD card slot: where the micro SD card is inserted

Wireless Bluetooth 5.0: allows for short range, low power Bluetooth compatibility. Basically allows for the connection of some wireless devices


40 pin general purpose input/output header
PoE HAT header
2.4/5GHz wireless bluetooth 5.0
Gigabit ethernet
Micro SD card slot
2 x USB 3.0
2-lane MIPI DSI display port
2 x USB 2.0
USB-C Power port 5v/3A
2x micro HDMI ports
4-pole stereo audio
2-lane MIPI CSI camera port